BRUHATH BANGALORE MAHANAGARA PALIKE ,DASRAHALLI ZONE

Office Of The Executive Engineer, Dasarahalli Division

SCHEDULE-B

E OF THE WORK: Providing Water Supply Facilities in Ward No.13 in Shettyhalli Sub
ision

o	Description Of Work	Unit	Qty	Rate To Be Quoted	
				In Figures (Rs)	In Words (Rs)
1	2	3	4	5	6
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	2032.56	Rupees Toe Thousand and Thirty Two rupees and Fifty six Paise only
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) Asper the Directon Of Enggineer -in-charge of the work)				
a	0.00 to 50.00 Mtr.	Mtr	200	330.48	Rupees Three hundred and thirty rupees and fourty eight paise only
b	50.00 to 100.00 Mtr.	Mtr	200	432.00	Rupees Four hundred and thirty two rupees only
c	100.00 to 150.00 Mtr.	Mtr	200	480.60	Rupees four hundred and eighty rupees and sixty paise only
d	150.00 to 200.00 Mtr.	Mtr	200	507.60	Rupees Five Hundred and seven rupees and sixty paise only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

e	200.00 to 250.00 Mtr.	Mtr	200	587.52	Rupees Five Hundred and eighty seven and fifty two paise only
f	250.00 to 300.00 Mtr.	Mtr	200	629.64	Rupees Six Hundred and twenty nine and sixty four paise only
g	300.00 to 350.00 Mtr	Mtr	200	780.00	Rupees Seven Hundred and Eighty rupees only
3	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (Asper the Directon Of Enggineer -in-charge of the work	Mtr	160.00	1325.00	Rupees One thousand and Three hundred and twenty five rupees only
4	Additional rate on Item No.2 is allowed for drilling in over burden and folling casing pipes beyond 20mtrs, rate at 15% and beyond 30mtrs 30% on basic rate of Rs.306 is allowed Asper the Directon Of Enggineer -in-charge of the work	Mtr	40.00	45.9	Rupees Fourty five and nine paise only
5	Providing 175 mm dia M.S. Collar Asper the Directon Of Enggineer -in-charge of the work	Each	40.00	150.00	Rupees One hundred and fifty paise only
6	Providing 175mm M.S Cap Asper the Directon Of Enggineer -in-charge of the work	Each	4.00	150.00	Rupees One hundred and fifty paise only
7	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000. HP 25 stage Asper the Directon Of Enggineer -in-charge of the work				

Signature Of the Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

a	15 HP Motor	Set	3.00	73494.68	Rupees Seventy Three Thousand and Four hundred and ninty Four rupees and Sixty Eight Paise Only
b	20HP Motor	Set	1.00	83846.00	Rupees Eighy Three Thousand and Eight Hundred and Fourty six Paise Only
8	Supplying and Drawing 3 core Flat PVC Shalted Submersible pump cable Manufactured with Electrolytic Grade copper with Flexiblecopper conductor to table 3 class 5 of IS 8130-1984 and virgen PVC insulation and Sheeated suitable for working Voltage Upto 1100 Volts Asper the Directon Of Enggineer -in-charge of the work	Mtr	1956.00	188.70	Rupees One Hundred and Eighty Eight rupees and Seventy Paise only
9	Supply and fixing 50mm Non return valve of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1145.00	Rupees One Thousand and one hundred and Fourty five rupees only
10	Supplying & delivery of brand new best make Gate Valve of size 50mm as per IS:778/84 with latest amendments with ISI mark. 50mm Gate Valve for distributer pipeline. 50mm dia (Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1600.00	Rupees One Thousand and Sixe Hundred only
11	Supplying and fixing 175mm Borewell cap with clampsetAs per approved Rate per SERED Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	500.00	Rupees Five hundred only
12	Providing and fixing 50mm GI union to the motor Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	223.70	Rupees Two hundred and twenty three and seventy paise only
13	Supplying & fixing of 50mm GI Elbow Asper the Directon Of Enggineer -in-charge of the work	No's	12.00	111.80	Rupees one hundred and eleven and Eighty paise only
14	Supplying and delivery at site brand new/Essen/Lotussunsines/Adarsh/GK controls best indigenous make combine energy meter-cum-control panel board unit of size 1200x600x300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the road, canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC Supply shall be consisted etc, completed T pannel board shall befabricated on singleunits in the above components panel board for suitable pumpset above components panel board for suitable pumset above 6.50 HP 15.00 HP with star delta starter (MR) Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	10000.00	Rupees Ten Thousand Only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

15	providing and fixing 50mm GI pipe 'C' Class heavy duty for erection of submersible pumpse galvanised tube 50mm supply and delivary of cause heavy duty as per Asper the Directon Of Enggineer -in-charge of the work	Mtr	1200.00	519.30	Rupees Five hundred and nineteen and thirty paise only
16	Supplying & fixing of 50mm GI Coller heavy duty Asper the Directon Of Enggineer -in-charge of the work	No's	150.00	150.00	Rupees one hundred and fifty rupees only
17	Erection of combined panel board meter with all necessary materials and labour including providing Cement concrete foundation bed etc,. Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	475.00	Rupees Four Hundred and and seventy five rupees only
18	Supplying of TPST with rewirable porcelain channels inSM encloser 15/32 Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1320.00	Rupees One Thousand and Three hundred and twenty rupees only
19	supplyng and fixing 500x500x65mm polished wood board made of not less than 15mm thick plank in front plank one end provided for olding at other end fixing the sameof the valve using through bolts and nuts, Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	302.50	Rupees Three Hundred and two rupees and fifty paise only
20	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220 V AC 50Hz 12/24 V DC Group Asper the Directon Of Enggineer -in-charge of the work	No's	12.00	385.00	Rupees Three hundred and Eighty five rupees only
21	Supplying and Drwaing each PVC Insulted 651/100V Grade wire in the conduct (open or concealed system of wiring) 7/20 or 7/36 copper wire Asper the Directon Of Enggineer -in-charge of the work	No's	40.00	27.50	Rupees Twenty seven and fifty paise only
22	Supplying fixing and wiring heavy duty low voltage capacitors conferming I 2834,3 PHASE 400/440 Vts grade for power factor improvement of rotating machinery capacitor in KVAR rating Nos 2 KVAR Capacity Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	385.00	Rupees three hundred and eight five rupees only
23	Supply and Fixing Miniature circuite breakers on existing MCB distribution boards using necessary fixing materials and complete as required Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	880.00	Rupees Eight hundred and eighty rupees only
24	Supplying and fixing wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 12mm dia (Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1650.00	Rupees One Thousand Six hundred and Fifty rupees only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

25	Supplying and fixing of A class (medium duty) GI Pipe of wall thickness not less than 3.25 mm on pole / wall . Drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm dia Asper the Directon Of Enggineer -in-charge of the work	No's	36.00	286.00	Rupees Two Hundred and Eight six rupees only
26	Supplying and fixing wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 12mm dia Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1650.00	Rupees One Thousand and six hundred and fifty rupees only
27	Supplying 1.1 KV class UG Cable From nearest Bescom Pole to Panel Board Including Earth Work and Road Restoratio 4 core 16sqmtr Asper the Directon Of Enggineer -in-charge of the work	Mtr	120.00	165.00	Rupees one hundred and sixty five rupees only
28	Labour charges for Layeing 1.1 KV class UG Cable when Supplyed by agencies in exisisting trenches GI pipe -stone pipe-on pole as required, Asper the Directon Of Enggineer -in-charge of the work	Mtr	120.00	5.50	Rupees Five rupees and fifty paise only
29	Digging of trench of 0.60x0.50 Mts wide refiiling the trench to the required ground level and consolidated etc. Complete sutting road surface Asper the Directon Of Enggineer -in-charge of the work	Mtr	60.00	44.00	Rupees Fourty four rupees only
30	Supplying and fixing LT Cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitimen / insulating compound complete with terminals, clamps, Bolts, nuts & washers etc 4 core 16 Sqmm Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	264.00	Rupees two hundred and sixty four rupees only
31	Supplying and fixing of Porce lain fuse channel with cut-out on existing bar new wooden panel using neseccery nuts,bolts and washers etc., Asper the Directon Of Enggineer -in-charge of the work	No's	24.00	440.00	Rupees Four hundred and fourty rupees only
32	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. Asper the Directon Of Enggineer -in-charge of the work	Cum	93.90	827.86	Rupees Eight Hundred and twenty seven rupees and eighty six Paise only
33	KSRB 2-2.3: Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives,labour, HOM of equipment complete as Asper the Directon Of Enggineer -in-charge of the work	Cum	272.58	299.98	Rupees Two hundred and ninty nine and ninty eight paise only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

34	Providing and installaing at site od work PVC Pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including joining of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc.., complete PVC Pipes Of 60kg/sqm 50mm dia . Asper the Directon Of Enggineer -in-charge of the work	Rmt	1652.00	235.00	Rupees two hundred and thirty five rupees only
35	Supplying and Fixing 50mm GI Pipes 'B' Class hecy duty (Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1350.00	Rupees One thousand and three hundred and fifty rupees only
36	KSRB 2-4: Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. including cost of all labour complete as per specifications Asper the Directon Of Enggineer -in-charge of the work	Cum	272.58	80.56	Rupees Eighty rupees and fifty six paise only
37	Transporation Of Pumping Machinerys Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	900.00	Rupees Nine hundred only
38	Eraction Of Pumping Machinerys Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	900.00	Rupees Nine Hundred only
39	Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Asper the Directon Of Enggineer -in-charge of the work	Cum	37.56	5159.02	Rupees Five thousand and one hundred and fifty nine rupees and two paise only
40	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges Asper the Directon Of Enggineer -in-charge of the work	Cum	37.56	6231.74	Rupees six thousand and two hundred and thirty one rupees and seventy four paise only
41	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges Asper the Directon Of Enggineer -in-charge of the work	Cum	16.20	1768.08	Rupees One thousand nad seven hundred and sixty eight and eight paise only
42	Providing and Applying Prime Coat with S.S bitumen emulsion on prepared surface of granular of base including clearing of road surface and spraying primer at the of 0.6 kg/sqm using mechanical means complete as per sepisifications with all leads lifts Etc. Asper the Directon Of Enggineer -in-charge of the work	Sqm	108.00	27.56	Rupees twenty seven and fifty six paise only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KKIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

43	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mixplant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density. But excluding cost of primer / tack coat including lead, lift and cost af all materials, labour, do-using 100/120 TPH capacity H.M.P. with sensor paver Gr-11 cum(150 mm to 75 mm) with 3.4% VG -30 Bitumen HOM of Machineries Asper the Directon Of Enggineer -in-charge of the work	Cum	5.40	5624.36	Rupees Five thousand and six hundred and twenty four and thirty six paise only
44	Providing and applying tack coat 80/100 grade bitumen (VG 10) on the prepared black topped surface at 2.5 kg 10sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all material HOM mechanical means complete as per specifications with all leads lifts Etc Asper the Directon Of Enggineer -in-charge of the work	Sqm	108.00	11.66	Rupees eleven and sixty six paise only
45	Providing And Laying Bituminous Concrete With Hot Mix Plant Using Crushed aggregates of Specified grading Premixed with Bitumiouns binder and filler transporting the hot mix to work site laying with a Paver Finisher to the required grade level and alignment rolling with smooth wheeled vibratory and tandem rollers to achive the desired compaction as per Morth Spection cluse no 500.9 Complte in all respects complete as per Specificaton do using 100/120 TPH Capacity H.M.P With Sonsor paver GR-II Cum(30mm to 45mm) with 5.4% VG-30 Bitumen Directon Of Enggineer -in-charge of the work	Cum	5.40	7083.98	Rupees Seven Thousand and Eighty three and ninty eight paise only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

BRUHATH BANGALORE MAHANAGARA PALIKE ,DASRAHALLI ZONE

Office Of The Executive Engineer, Dasarahalli Division

SCHEDULE-B

NAME OF THE WORK: Providing Water Supply Facilities in Ward No.13 in Shettyhalli Sub Division

SI No	Description Of Work	Unit	Qty	Rate To Be Quoted	
				In Figures (Rs)	In Words (Rs)
1	2	3	4	5	6
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	2032.56	Rupees Toe Thousand and Thirty Two rupees and Fifty six Paise only
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) Asper the Directon Of Enggineer -in-charge of the work)				
a	0.00 to 50.00 Mtr.	Mtr	200	330.48	Rupees Three hundred and thirty rupees and fourty eight paise only
b	50.00 to 100.00 Mtr.	Mtr	200	432.00	Rupees Four hundred and thirty two rupees only
c	100.00 to 150.00 Mtr.	Mtr	200	480.60	Rupees four hundred and eighty rupees and sixty paise only
d	150.00 to 200.00 Mtr.	Mtr	200	507.60	Rupees Five Hundred and seven rupees and sixty paise only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

e	200.00 to 250.00 Mtr.	Mtr	200	587.52	Rupees Five Hundred and eighty seven and fifty two paise only
f	250.00 to 300.00 Mtr.	Mtr	200	629.64	Rupees Six Hundred and twenty nine and sixty four paise only
g	300.00 to 350.00 Mtr	Mtr	200	780.00	Rupees Seven Hundred and Eighty rupees only
3	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/!993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (Asper the Directon Of Enggineer -in-charge of the work	Mtr	160.00	1325.00	Rupees One thousand and Three hundred and twenty five rupees only
4	Additional rate on Item No.2 is allowed for drilling in over burden and folling casing pipes beyond 20mtrs, rate at 15% and beyond 30mtrs 30% on basic rate of Rs.306 is allowed Asper the Directon Of Enggineer -in-charge of the work	Mtr	40.00	45.9	Rupees Fourty five and nine paise only
5	Providing 175 mm dia M.S. Collar Asper the Directon Of Enggineer -in-charge of the work	Each	40.00	150.00	Rupees One hundred and fifty paise only
6	Providing 175mm M.S Cap Asper the Directon Of Enggineer -in-charge of the work	Each	4.00	150.00	Rupees One hundred and fifty paise only
7	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000. HP 25 stage Asper the Directon Of Enggineer -in-charge of the work				

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

a	15 HP Motor	Set	3.00	73494.68	Rupees Seventy Three Thousand and Four hundred and ninty Four rupees and Sixty Eight Paise Only
b	20HP Motor	Set	1.00	83846.00	Rupees Eighy Three Thousand and Eight Hundred and Fourty six Paise Only
8	Supplying and Drawing 3 core Flat PVC Shalted Submersible pump cable Manufactured with Electrolytic Grade copper with Flexiblecopper conductor to table 3 class 5 of IS 8130-1984 and virgen PVC insulation and Sheeated suitable for working Voltage Upto 1100 Volts Asper the Directon Of Enggineer -in-charge of the work	Mtr	1956.00	188.70	Rupees One Hundred and Eighty Eight rupees and Seventy Paise only
9	Supply and fixing 50mm Non return valve of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1145.00	Rupees One Thousand and one hundred and Fourty five rupees only
10	Supplying & delivery of brand new best make Gate Valve of size 50mm as per IS:778/84 with latest amendments with ISI mark. 50mm Gate Valve for distributer pipeline. 50mm dia (Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1600.00	Rupees One Thousand and Sixe Hundred only
11	Supplying and fixing 175mm Borewell cap with clampsetAs per approved Rate per SERED Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	500.00	Rupees Five hundred only
12	Providing and fixing 50mm GI union to the motor Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	223.70	Rupees Two hundred and twenty three and seventy paise only
13	Supplying & fixing of 50mm GI Elbow Asper the Directon Of Enggineer -in-charge of the work	No's	12.00	111.80	Rupees one hundred and eleven and Eighty paise only
14	Supplying and delivery at site brand new/Essen/Lotussunsines/Adarsh/GK controls best indigenous make combine energy meter-cum-control panel board unit of size 1200x600x300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the road, canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC Supply shall be consisted etc, completed T pannel board shall befabricated on singleunits in the above components panel board for suitable pumpset above components panel board for suitable pumset above 6.50 HP 15.00 HP with star delta starter (MR) Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	10000.00	Rupees Ten Thousand Only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

15	providing and fixing 50mm GI pipe 'C' Class heavy duty for erection of submersible pumpse galvanised tube 50mm supply and delivary of cause heavy duty as per Asper the Directon Of Enggineer -in-charge of the work	Mtr	1200.00	519.30	Rupees Five hundred and nineteen and thirty paise only
16	Supplying & fixing of 50mm GI Coller heavy duty Asper the Directon Of Enggineer -in-charge of the work	No's	150.00	150.00	Rupees one hundred and fifty rupees only
17	Erection of combined panel board meter with all necessary materials and labour including providing Cement concrete foundation bed etc,. Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	475.00	Rupees Four Hundred and and seventy five rupees only
18	Supplying of TPST with rewirable porcelain channels inSM encloser 15/32 Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1320.00	Rupees One Thousand and Three hundred and twenty rupees only
19	supplyng and fixing 500x500x65mm polished wood board made of not less than 15mm thick plank in front plank one end provided for olding at other end fixing the sameof the valve using through bolts and nuts, Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	302.50	Rupees Three Hundred and two rupees and fifty paise only
20	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220 V AC 50Hz 12/24 V DC Group Asper the Directon Of Enggineer -in-charge of the work	No's	12.00	385.00	Rupees Three hundred and Eighty five rupees only
21	Supplying and Drwaing each PVC Insulted 651/100V Grade wire in the conduct (open or concealed system of wiring) 7/20 or 7/36 copper wire Asper the Directon Of Enggineer -in-charge of the work	No's	40.00	27.50	Rupees Twenty seven and fifty paise only
22	Supplying fixing and wiring heavy duty low voltage capacitors conferming I 2834,3 PHASE 400/440 Vts grade for power factor improvement of rotating machinery capacitor in KVAR rating Nos 2 KVAR Capacity Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	385.00	Rupees three hundred and eight five rupees only
23	Supply and Fixing Miniature circuite breakers on existing MCB distribution boards using necessary fixing materials and complete as required Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	880.00	Rupees Eight hundred and eighty rupees only
24	Supplying and fixing wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 12mm dia (Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1650.00	Rupees One Thousand Six hundred and Fifty rupees only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

25	Supplying and fixing of A class (medium duty) GI Pipe of wall thickness not less than 3.25 mm on pole / wall . Drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm dia Asper the Directon Of Enggineer -in-charge of the work	No's	36.00	286.00	Rupees Two Hundred and Eight six rupees only
26	Supplying and fixing wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 12mm dia Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1650.00	Rupees One Thousand and six hundred and fifty rupees only
27	Supplying 1.1 KV class UG Cable From nearest Bescom Pole to Panel Board Including Earth Work and Road Restoratio 4 core 16sqmtr Asper the Directon Of Enggineer -in-charge of the work	Mtr	120.00	165.00	Rupees one hundred and sixty five rupees only
28	Labour charges for Layeing 1.1 KV class UG Cable when Supplyed by agencies in exisisting trenches GI pipe -stone pipe-on pole as required, Asper the Directon Of Enggineer -in-charge of the work	Mtr	120.00	5.50	Rupees Five rupees and fifty paise only
29	Digging of trench of 0.60x0.50 Mts wide refiiling the trench to the required ground level and consolidated etc. Complete sutting road surface Asper the Directon Of Enggineer -in-charge of the work	Mtr	60.00	44.00	Rupees Fourty four rupees only
30	Supplying and fixing LT Cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitimen / insulating compound complete with terminals, clamps, Bolts, nuts & washers etc 4 core 16 Sqmm Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	264.00	Rupees two hundred and sixty four rupees only
31	Supplying and fixing of Porce lain fuse channel with cut-out on existing bar new wooden panel using neseccery nuts,bolts and washers etc., Asper the Directon Of Enggineer -in-charge of the work	No's	24.00	440.00	Rupees Four hundred and fourty rupees only
32	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. Asper the Directon Of Enggineer -in-charge of the work	Cum	93.90	827.86	Rupees Eight Hundred and twenty seven rupees and eighty six Paise only
33	KSRB 2-2.3: Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives,labour, HOM of equipment complete as Asper the Directon Of Enggineer -in-charge of the work	Cum	272.58	299.98	Rupees Two hundred and ninty nine and ninty eight paise only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

34	Providing and installaing at site od work PVC Pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including joining of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc.., complete PVC Pipes Of 60kg/sqm 50mm dia . Asper the Directon Of Enggineer -in-charge of the work	Rmt	1652.00	235.00	Rupees two hundred and thirty five rupees only
35	Supplying and Fixing 50mm GI Pipes 'B' Class hecy duty (Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	1350.00	Rupees One thousand and three hundred and fifty rupees only
36	KSRB 2-4: Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. including cost of all labour complete as per specifications Asper the Directon Of Enggineer -in-charge of the work	Cum	272.58	80.56	Rupees Eighty rupees and fifty six paise only
37	Transporation Of Pumping Machinerys Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	900.00	Rupees Nine hundred only
38	Eraction Of Pumping Machinerys Asper the Directon Of Enggineer -in-charge of the work	No's	4.00	900.00	Rupees Nine Hundred only
39	Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Asper the Directon Of Enggineer -in-charge of the work	Cum	37.56	5159.02	Rupees Five thousand and one hundred and fifty nine rupees and two paise only
40	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges Asper the Directon Of Enggineer -in-charge of the work	Cum	37.56	6231.74	Rupees six thousand and two hundred and thirty one rupees and seventy four paise only
41	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges Asper the Directon Of Enggineer -in-charge of the work	Cum	16.20	1768.08	Rupees One thousand nad seven hundred and sixty eight and eight paise only
42	Providing and Applying Prime Coat with S.S bitumen emulsion on prepared surface of granular of base including clearing of road surface and spraying primer at the of 0.6 kg/sqm using mechanical means complete as per sepisifications with all leads lifts Etc. Asper the Directon Of Enggineer -in-charge of the work	Sqm	108.00	27.56	Rupees twenty seven and fifty six paise only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division

43	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mixplant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density. But excluding cost of primer / tack coat including lead, lift and cost af all materials, labour, do-using 100/120 TPH capacity H.M.P. with sensor paver Gr-11 cum(150 mm to 75 mm) with 3.4% VG -30 Bitumen HOM of Machineries Asper the Directon Of Enggineer -in-charge of the work	Cum	5.40	5624.36	Rupees Five thousand and six hundred and twenty four and thirty six paise only
44	Providing and applying tack coat 80/100 grade bitumen (VG 10) on the prepared black topped surface at 2.5 kg 10sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all material HOM mechanical means complete as per specifications with all leads lifts Etc Asper the Directon Of Enggineer -in-charge of the work	Sqm	108.00	11.66	Rupees eleven and sixty six paise only
45	Providing And Laying Bituminous Concrete With Hot Mix Plant Using Crushed aggregates of Specified grading Premixed with Bitumiouns binder and filler transporting the hot mix to work site laying with a Paver Finisher to the required grade level and alignment rolling with smooth wheeled vibratory and tandem rollers to achive the desired compaction as per Morth Spection cluse no 500.9 Complte in all respects complete as per Specificaton do using 100/120 TPH Capacity H.M.P With Sonsor paver GR-II Cum(30mm to 45mm) with 5.4% VG-30 Bitumen Directon Of Enggineer -in-charge of the work	Cum	5.40	7083.98	Rupees Seven Thousand and Eighty three and ninty eight paise only

Signature Of The Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer
Dasarahalli Division